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EDITORIAL.—A new school of botanists is rapidly gaining ground in this country and we are glad to see it. While the country was new and its flora but little known it was very natural for systematic botany to be in the ascendancy. It is a very attractive thing to most men to discover new species, but when the chance for such discovery becomes much lessened there is a turning to the inexhaustible field of physiological botany. Systematists are necessary, but a great number of them is not an essential thing and it is even better to have but a few entitled to rank as authorities in systematic work. But in studying the life histories of plants or their anatomical structure we can not have too many careful observers. This, at the present day, seems to be the most promising field and one botanist after another is coming to appreciate it. As microscopes are becoming cheaper and hence more common the workers in the histology of plants are becoming more numerous and it is to such that the GAZETTE would now address itself. It will be noticed that the notes published heretofore would largely come under the head of systematic botany, and it is our intention to continue to give large space to this subject, but we would like to take a stand in this new school and call for notes from its workers. Dr. Rothrock's paper on "Staining of Vegetable Tissues" was a start in the right direction and the eagerness with which such papers are now read is shown by the fact that that issue of the GAZETTE was entirely exhausted in filling orders. We expect to receive many notes pertaining to this branch of our science and if botanists who are interested in it will but come forward the GAZETTE will willingly open its pages to them. Let not only the results of study with the microscope be noted, but observations on the habits of plants, such as their fertilization, movements, absorption and evaporation of moisture, and the many other subjects which are now attracting so much attention. Let there not only be a record of such observations but expressions of opinion as to the best method of teaching how pupils can be made observers, and how far this can be profitably carried. Such topics would open up a new and large field to the GAZETTE and one that would be of interest to all botanists. That short notes upon the teaching of botany would be read with interest goes with the saying, when it is understood that nearly every other man upon our subscription list is a Professor of some kind or other, and that there is no college in the United States, where botany has any sort of prominence, where the GAZETTE is not taken.

VIOLA TRICOLOR, L. VAR. ARVENSIS, DC.—The plant of the United States, so named by Torrey and Gray, is *V. tenella* of Muhl-